

**What is Claimed is:**

1. A transfer rate controller, comprising:  
input means of inputting a picture or sound stream;  
packet rate adjusting means of controlling a transfer  
rate of the stream by adjusting an interval between packets  
respectively belonging to each frames of the inputted stream;  
and  
output means of outputting the stream outputted from  
the packet rate adjusting means.
2. The transfer rate controller according to claim 1, the  
packet rate adjusting means changes the frame rate.
3. The transfer rate controller according to claim 1, the  
packet rate adjusting means makes no change in the frame rate.
4. The transfer rate controller according to any one of  
claims 1 to 3, wherein the stream has a plurality of multiplexed  
data.
5. The transfer rate controller according to any one of  
claims 1 to 3, wherein the stream has no multiplexed data.
6. The transfer rate controller according to any one of  
claims 1 to 5, wherein the stream is an MPEG transport stream  
and the packet is a transport packet.
7. The transfer rate controller according to any one of  
claims 1 to 6, wherein the packet rate adjusting means controls  
a transfer rate according to a warning indicative that an  
overflow is likely to occur in a buffer of a decoder.

8. A decoding system, comprising:

a buffer for temporarily storing an inputted stream;

and

decoding means of inputting the stream from the buffer  
and decoding and outputting the stream,

monitor means of monitoring a free space of the buffer  
and issuing a warning to the transfer rate controller  
according to claim 7, which transmits the stream, if an overflow  
is likely to occur in the buffer.

9. A medium for storing a program and/or data for allowing  
a computer to carry out all or some functions of all or some  
means of the transfer rate controller or the decoding system  
according to any of claims 1 to 8, wherein the medium is  
processable by a computer.

10. An information aggregate comprising a program and/or  
data for allowing a computer to carry out all or some functions  
of all or some means of the transfer rate controller or the  
decoding system according to any of claims 1 to 8.

11. A transmitting medium for transmitting an MPEG transport  
stream outputted from the transfer rate controller according  
to any of claims 1 to 7.

12. A recording medium for recording an MPEG transport stream  
outputted from the transfer rate controller according any  
one of claims 1 to 7.

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